

# 2002 USACE Chemist's Business Meeting

Environmental Chemical Data  
Quality Management – CX  
Perspective

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# Environmental Laboratory “Validation”

- ◆ History
  - Pre-'98 – mandatory USACE validation
  - '98 ER 1110-1-263 – flexible CDQM
  - Transition to NELAP implementation
- ◆ FY 02 Execution
- ◆ Policy – Letters to be issued
  - Procurement Instruction Letter
  - Environmental “PM” Letter

# Environmental Lab “Validation”

## – FY 02 Execution

- ◆ Evaluate individual requests to determine scope
- ◆ Cost savings – NELAC Proficiency Test Samples
- ◆ Central funding (FUDS, Army IRP & BRAC)
- ◆ Total CX capacity – 30 labs
- ◆ Resource multipliers (e.g. reciprocity)

# Environmental Lab “Validation”

## – Draft Policy

- ◆ ISO Guide 25/17025 Compliance (NELAP, A2LA, other)
- ◆ “Grandfathering” USACE validated labs
- ◆ DOD QSM (Versions 1&2) compliance – self-declared/audited
- ◆ Best-value procurement for labs
- ◆ HTRW CX role
- ◆ Complementary to other CDQM activities

# Environmental Lab “Validation”

## – NELAP current status

- ◆ What is NELAC/NELAP?
- ◆ 11(12) Accrediting Authorities
- ◆ Accredited Labs - ~1250
- ◆ Fields-of-Testing
- ◆ Initial Implementation Issues
- ◆ Future
- ◆ [www.epa.gov/ttn/nelac](http://www.epa.gov/ttn/nelac)

# Background

- ◆ 1997 EPA IG Report findings – “our audit of 9 federal facility Superfund sites in EPA Regions 8, 9, and 10 showed that EPA and Federal Facilities did not have sufficient procedures in place to ensure that data was of known and acceptable quality”
- ◆ Formation IDQTF to address specific findings and provide long-term solution

# IDQTF

- ◆ Participants:
  - EPA HQ and Regions
  - DOD components
  - DOE
  - Other federal agencies (observers)
- ◆ IDQTF Subgroups – develop products

# IDQTF – Mission & Goals

- ◆ Primary Mission:

- Document an Intergovernmental Quality System
- Facilitate information exchange between agencies

- ◆ Specific Goals:

- Document a QS based on ANSI/ASQC E-4
- Develop QS implementation plan
- Identify QA roles and responsibilities



# IDQTF-Products/Status

- ◆ Uniform Federal Policy – E-4 Part A implementation (EPA R-2 & G-2) - done
- ◆ QAPP Guidance – EPA R-5 & G-5 (based on Region I guide) – review stage
  - QA Matrix – review stage
- ◆ Roles/Responsibilities Framework – under development
- ◆ DOD Implementation

# IDQTF Products on Web

- ◆ <http://www.epa.gov/sweffrr/> - (EPA Federal Facilities Site)
- ◆ [http://www.epa.gov/sweffrr/data\\_quality/ufp\\_sep00.htm](http://www.epa.gov/sweffrr/data_quality/ufp_sep00.htm) - (IDQTF UFP)
- ◆ [http://www.epa.gov/sweffrr/data\\_quality/reviewqapp.htm](http://www.epa.gov/sweffrr/data_quality/reviewqapp.htm) - (IDQTF QAPP)